

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045620.D
 Acq On : 29 Apr 2024 14:46
 Operator : MA/JU
 Sample : P2154-08DL2 25X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA397DL2

Quant Time: Apr 29 15:22:42 2024
 Quant Title :
 QLast Update : Tue Apr 30 09:34:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	672m	0.400	ng/ul	0.01
4) Naphthalene-d8	10.397	136	1733	0.400	ng/ul #	0.07
9) Acenaphthene-d10	14.215	164	1003	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.010	188	1552	0.400	ng/ul #	0.03
17) Chrysene-d12	21.204	240	1395	0.400	ng/ul #	0.01
23) Perylene-d12	23.387	264	2153	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	42	0.047	ng/ul	0.00
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	19.048	212	68	0.015	ng/ul	0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.457	128	377	0.081	ng/ul#	16
10) Acenaphthylene	13.947	152	1061	0.214	ng/ul#	74
11) Acenaphthene	14.284	153	1433	0.390	ng/ul	95
12) Fluorene	15.321	166	927	0.236	ng/ul#	94
15) Phenanthrene	17.048	178	653	0.144	ng/ul#	72
16) Anthracene	17.166	178	633	0.150	ng/ul#	63
19) Fluoranthene	19.072	202	458	0.071	ng/ul#	50
20) Pyrene	19.425	202	940	0.142	ng/ul#	77
21) Benzo(a)anthracene	21.198	228	628	0.141	ng/ul#	88
22) Chrysene	21.239	228	371m	0.054	ng/ul	
24) Benzo(b)fluoranthene	22.741	252	524	0.072	ng/ul#	32
25) Benzo(k)fluoranthene	22.788	252	714	0.078	ng/ul#	24
26) Benzo(a)pyrene	23.308	252	469	0.062	ng/ul#	21
27) Indeno(1,2,3-cd)pyrene	25.618	276	563	0.052	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.621	278	790	0.091	ng/ul#	44
29) Benzo(g,h,i)perylene	26.258	276	714	0.073	ng/ul#	56

(#) = qualifier out of range (m) = manual integration (+) = signals summed

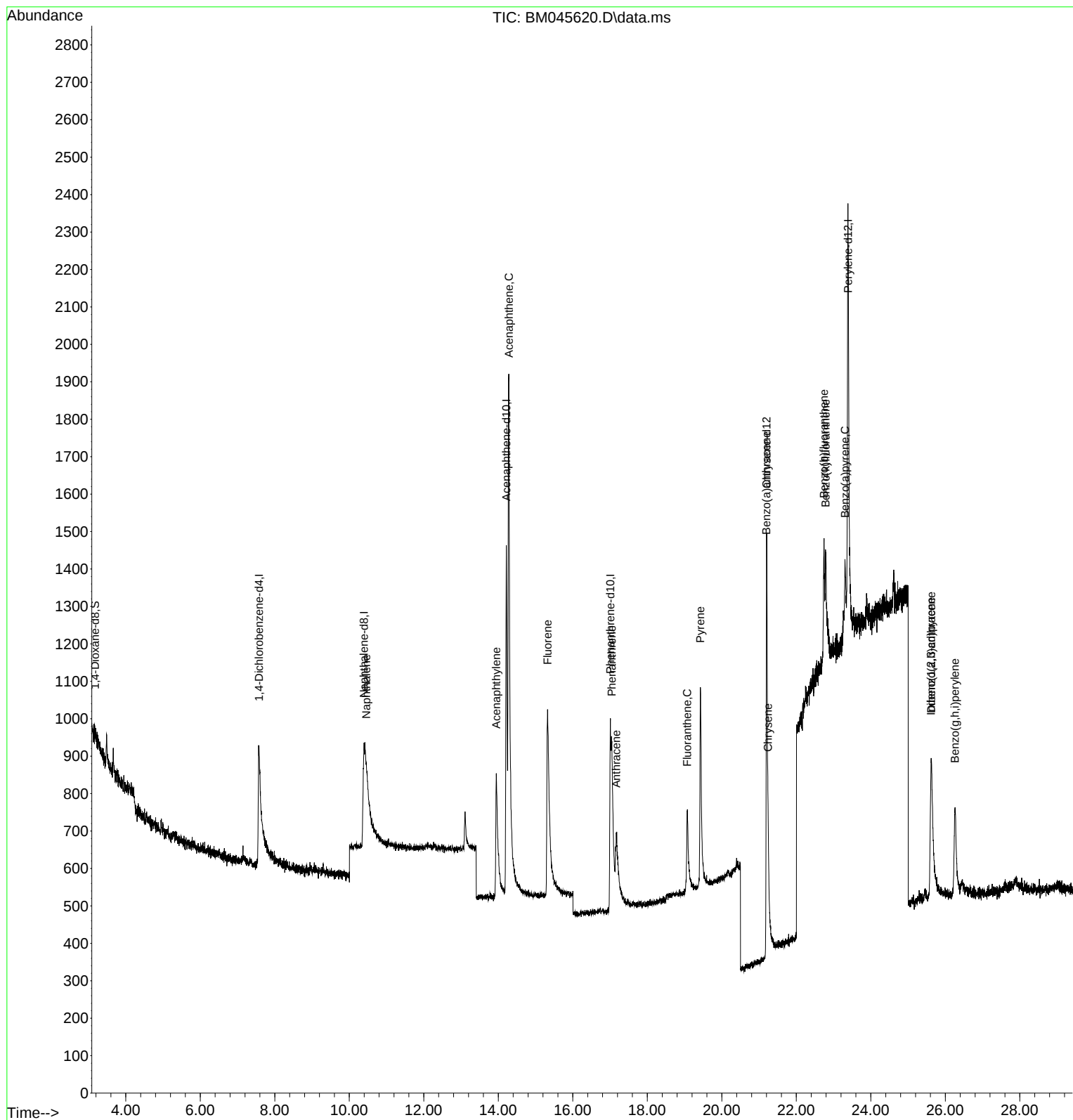
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045620.D
Acq On : 29 Apr 2024 14:46
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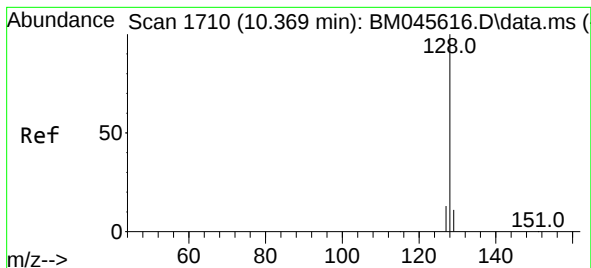
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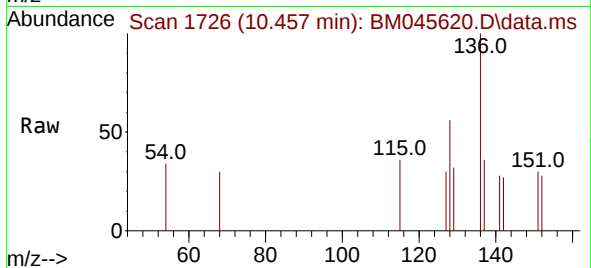
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024





#5
Naphthalene
Concen: 0.081 ng/u1
RT: 10.457 min Scan# 1710
Delta R.T. 0.077 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

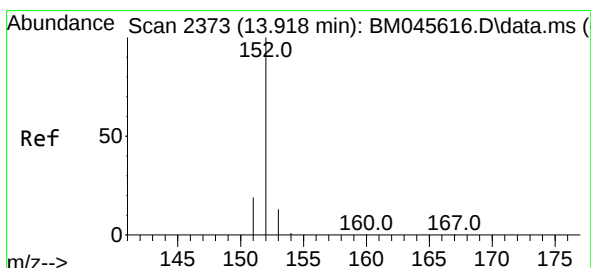
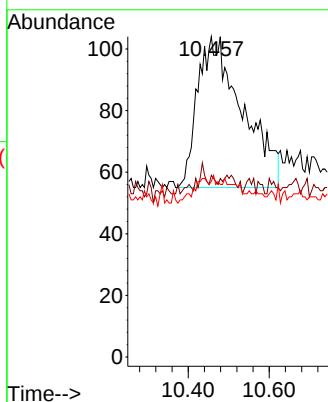
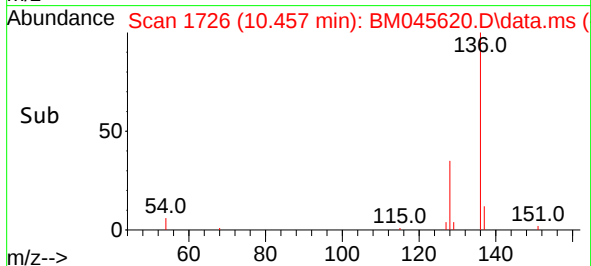
Instrument :
BNA_M
ClientSampleId :
XA397DL2



Tgt Ion:128 Resp: 37
Ion Ratio Lower Upper
128 100
129 56.7 14.0 21.0#
127 54.8 15.4 23.2#

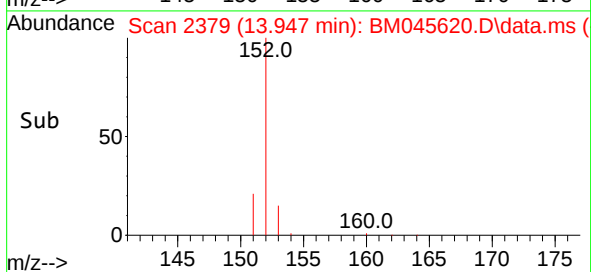
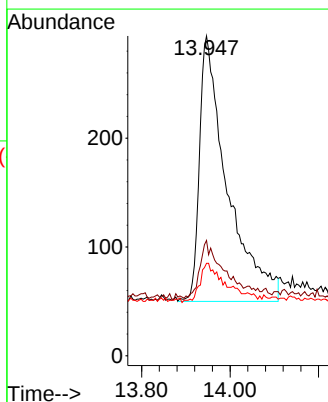
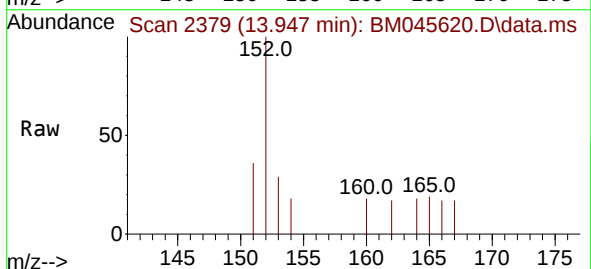
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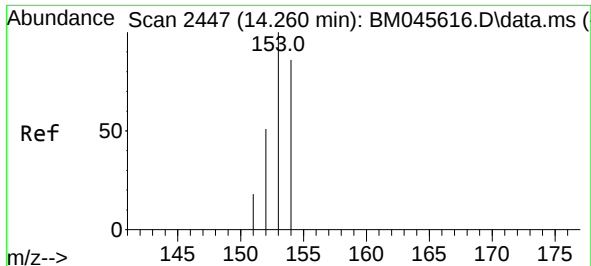
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#10
Acenaphthylene
Concen: 0.214 ng/u1
RT: 13.947 min Scan# 2379
Delta R.T. 0.020 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

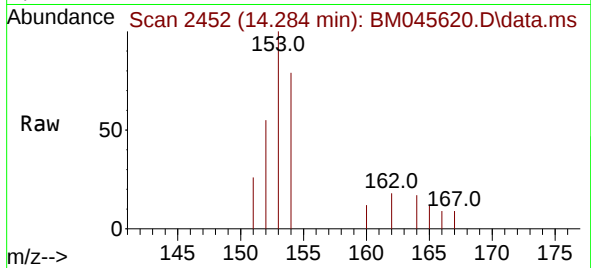
Tgt Ion:152 Resp: 1061
Ion Ratio Lower Upper
152 100
151 36.1 18.6 28.0#
153 28.9 14.1 21.1#





#11
Acenaphthene
Concen: 0.390 ng/u1
RT: 14.284 min Scan# 2447
Delta R.T. 0.015 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

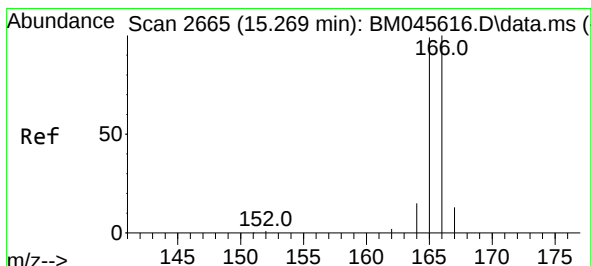
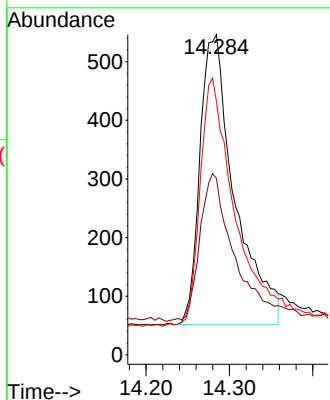
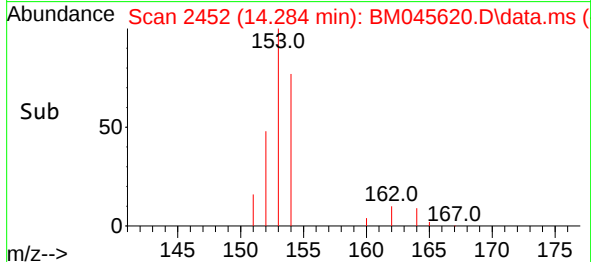
Instrument :
BNA_M
ClientSampleId :
XA397DL2



Tgt Ion:153 Resp: 143
Ion Ratio Lower Upper
153 100
152 55.1 43.4 65.2
154 79.1 69.0 103.6

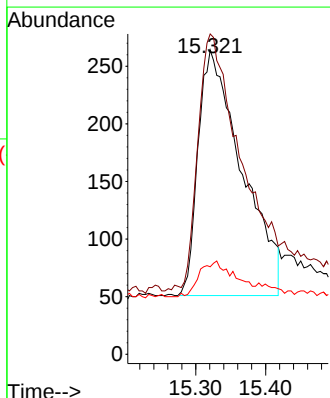
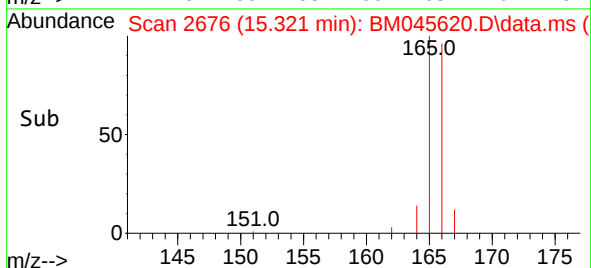
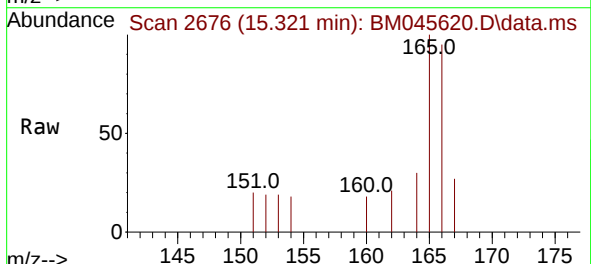
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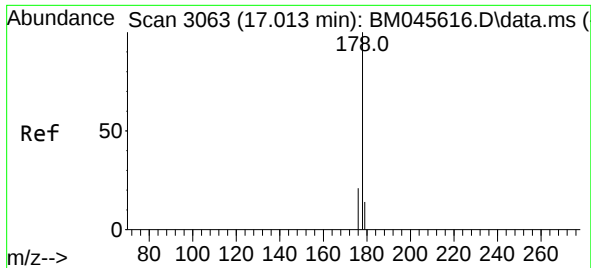
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#12
Fluorene
Concen: 0.236 ng/u1
RT: 15.321 min Scan# 2676
Delta R.T. 0.043 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

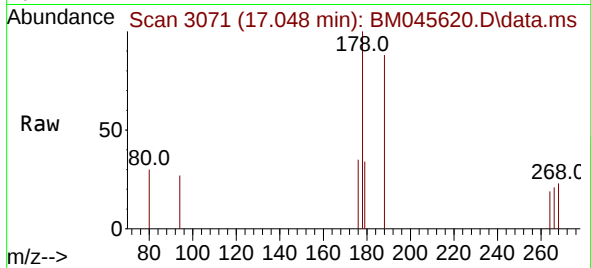
Tgt Ion:166 Resp: 927
Ion Ratio Lower Upper
166 100
165 105.3 82.2 123.2
167 28.8 14.8 22.2#





#15
Phenanthrene
Concen: 0.144 ng/ul
RT: 17.048 min Scan# 3071
Delta R.T. 0.026 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

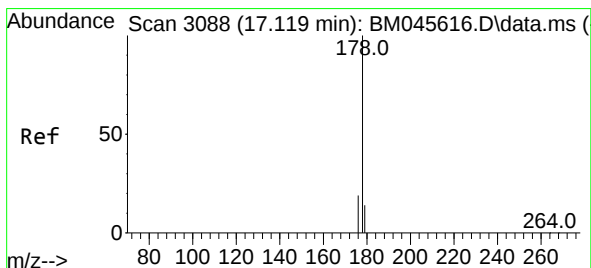
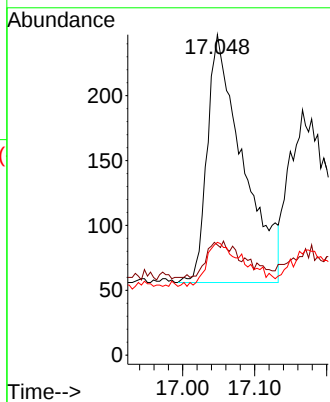
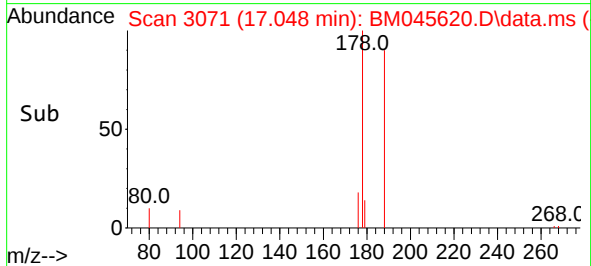
Instrument :
BNA_M
ClientSampleId :
XA397DL2



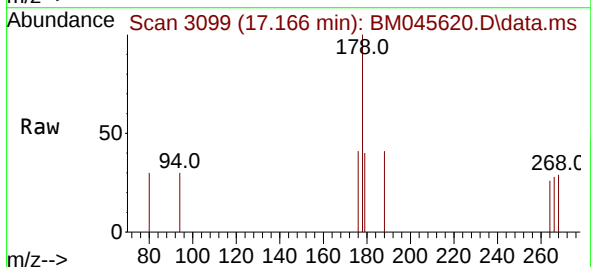
Tgt Ion:178 Resp: 653
Ion Ratio Lower Upper
178 100
179 34.4 15.4 23.2
176 35.2 19.0 28.4

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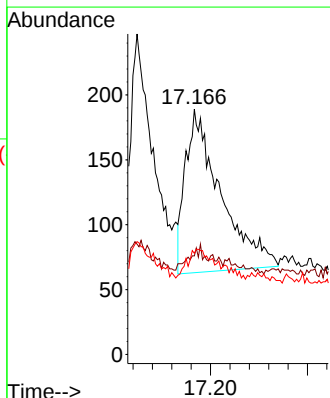
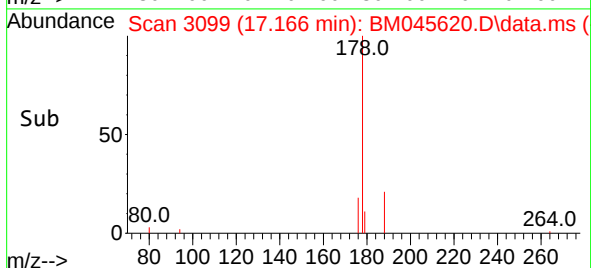
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

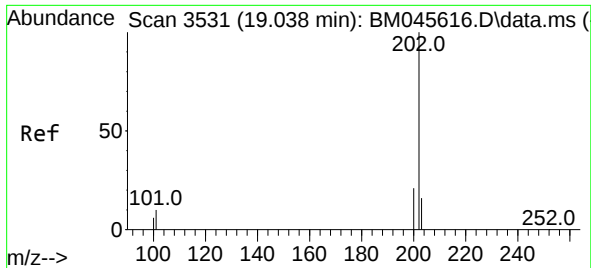


#16
Anthracene
Concen: 0.150 ng/ul
RT: 17.166 min Scan# 3099
Delta R.T. 0.047 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46



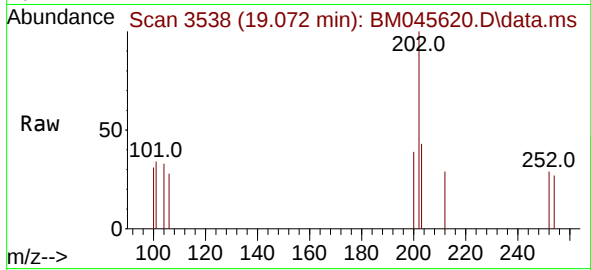
Tgt Ion:178 Resp: 633
Ion Ratio Lower Upper
178 100
179 40.2 17.8 26.6#
176 41.3 18.7 28.1#





#19
Fluoranthene
Concen: 0.071 ng/u1
RT: 19.072 min Scan# 3531
Delta R.T. 0.024 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

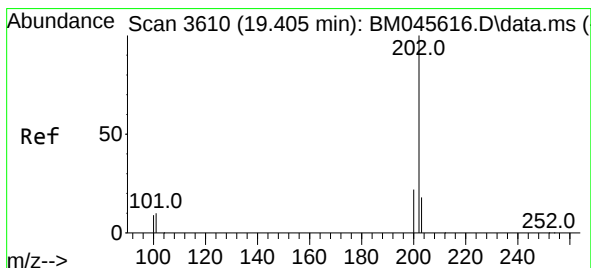
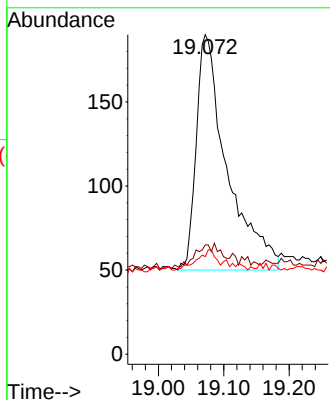
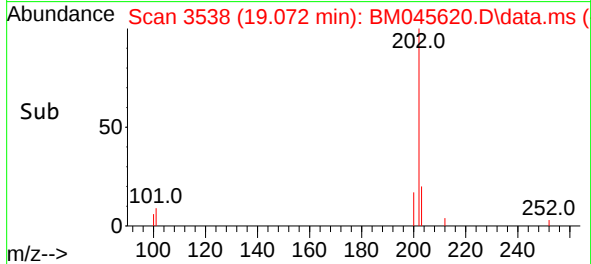
Instrument :
BNA_M
ClientSampleId :
XA397DL2



Tgt Ion:202 Resp: 458
Ion Ratio Lower Upper
202 100
101 34.2 11.2 16.8#
100 30.5 9.1 13.7#

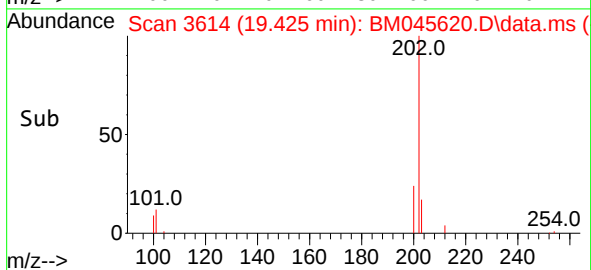
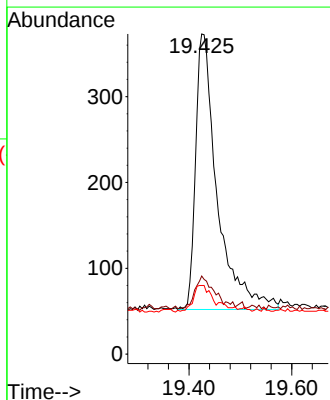
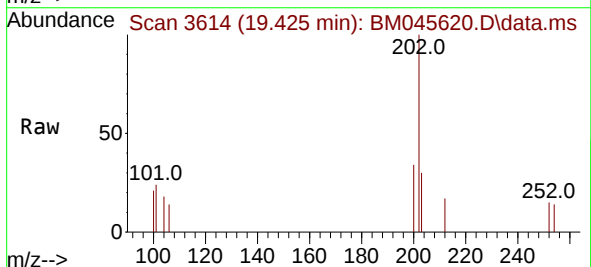
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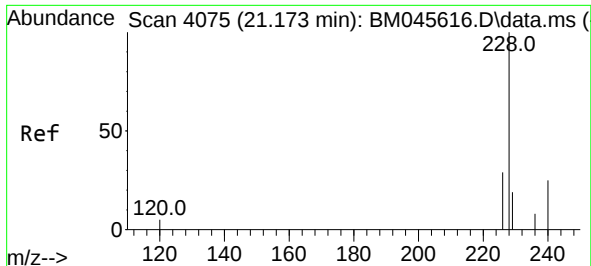
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#20
Pyrene
Concen: 0.142 ng/u1
RT: 19.425 min Scan# 3614
Delta R.T. 0.010 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

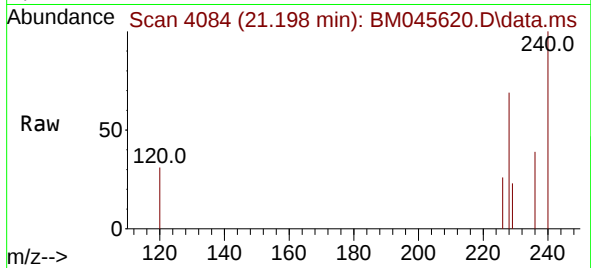
Tgt Ion:202 Resp: 940
Ion Ratio Lower Upper
202 100
101 24.4 11.5 17.3#
100 21.4 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.198 min Scan# 4084
Delta R.T. 0.017 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

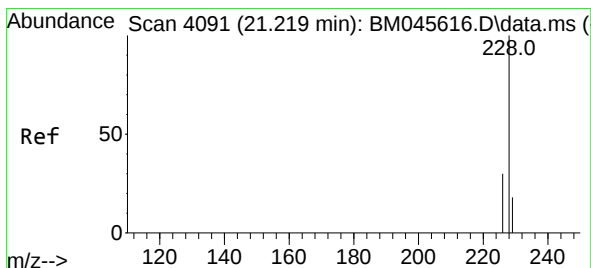
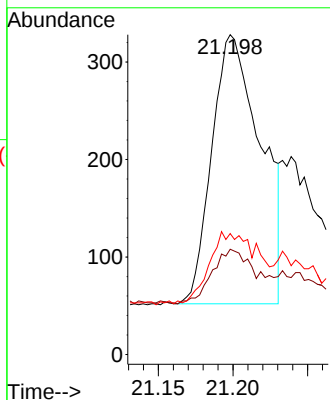
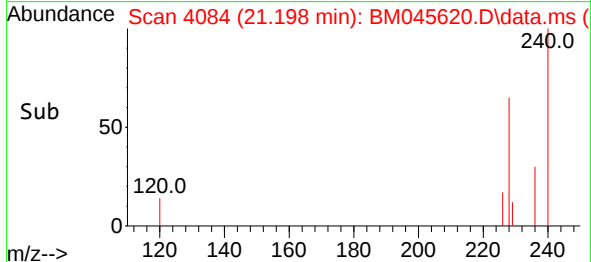
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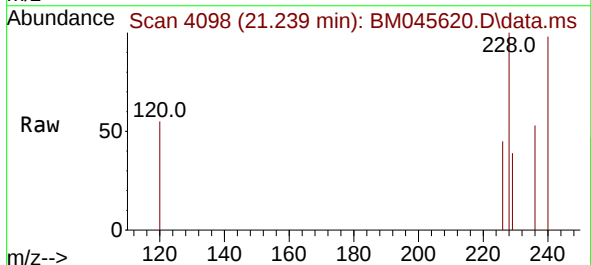
Tgt Ion:228 Resp: 628
Ion Ratio Lower Upper
228 100
229 32.9 19.4 29.2#
226 37.8 26.3 39.5#

Manual Integrations
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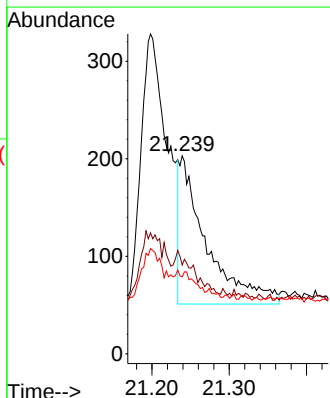
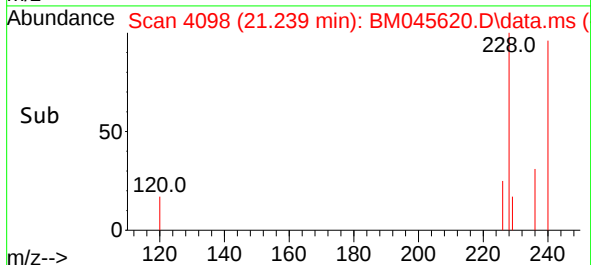
Reviewed By :Yogesh Patel 05/02/2024
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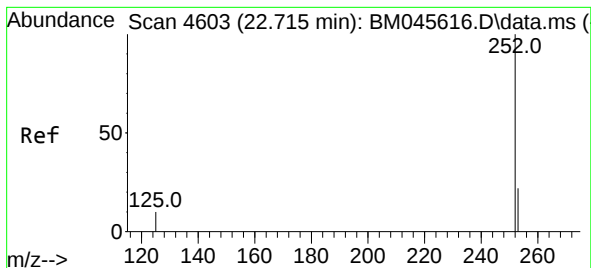


#22
Chrysene
Concen: 0.054 ng/ul m
RT: 21.239 min Scan# 4098
Delta R.T. 0.011 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46



Tgt Ion:228 Resp: 371
Ion Ratio Lower Upper
228 100
226 44.8 26.3 39.5#
229 38.9 17.8 26.8#





#24

Benzo(b)fluoranthene

Concen: 0.072 ng/ul

RT: 22.741 min Scan# 4612

Delta R.T. 0.011 min

Lab File: BM045620.D

Acq: 29 Apr 2024 14:46

Instrument :

BNA_M

ClientSampleId :

XA397DL2

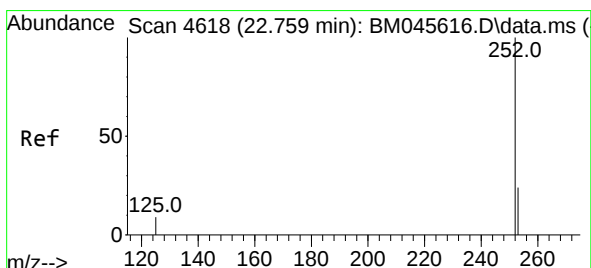
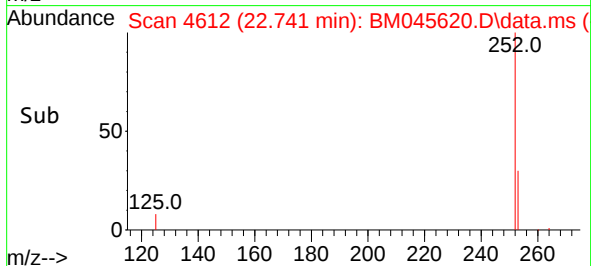
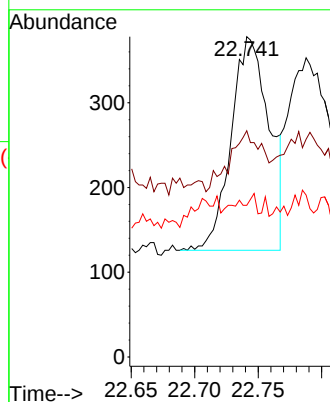
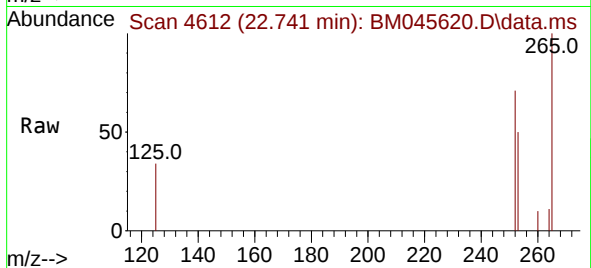
Tgt Ion:252	Resp:	524
Ion Ratio	Lower	Upper
252	100	
253	70.6	0.0 63.4
125	47.4	0.0 36.8

Manual Integrations

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Supervised By :mohammad ahmed 05/02/2024



#25

Benzo(k)fluoranthene

Concen: 0.078 ng/ul

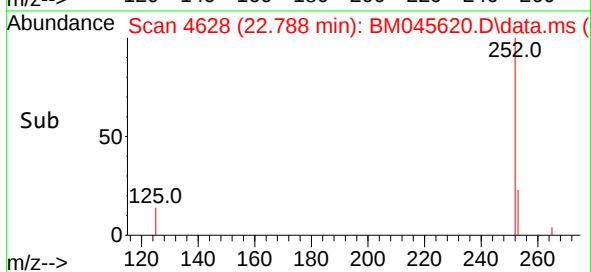
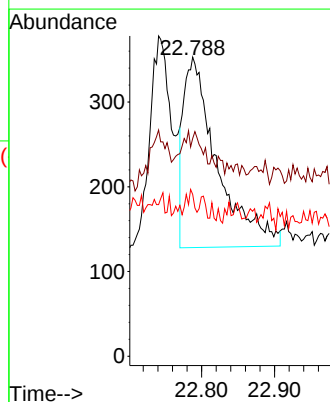
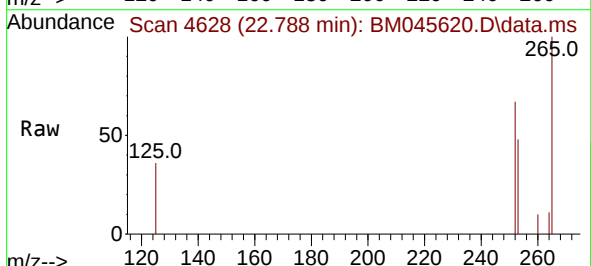
RT: 22.788 min Scan# 4628

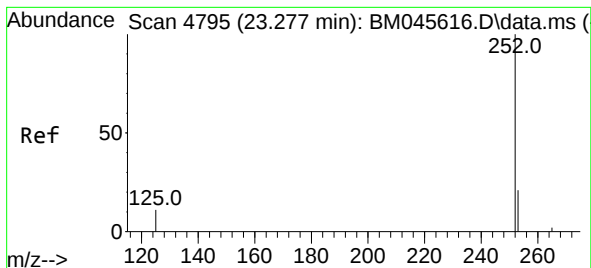
Delta R.T. 0.017 min

Lab File: BM045620.D

Acq: 29 Apr 2024 14:46

Tgt Ion:252	Resp:	714
Ion Ratio	Lower	Upper
252	100	
253	72.8	25.4 38.0
125	54.1	14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.062 ng/ul

RT: 23.308 min Scan# 4806

Delta R.T. 0.017 min

Lab File: BM045620.D

Acq: 29 Apr 2024 14:46

Instrument :

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ClientSampleId :

XA397DL2

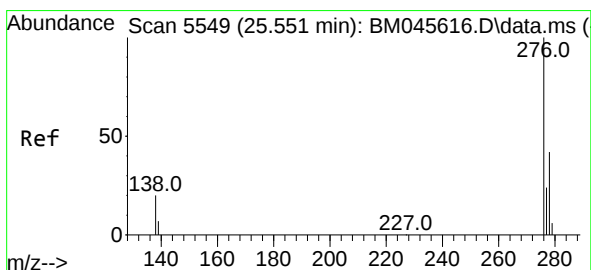
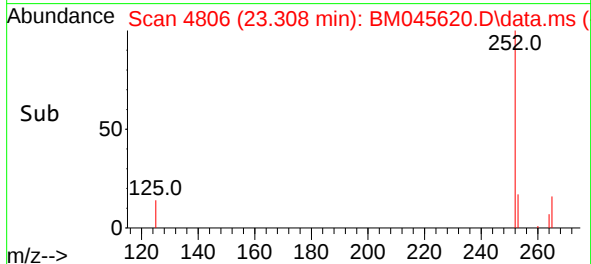
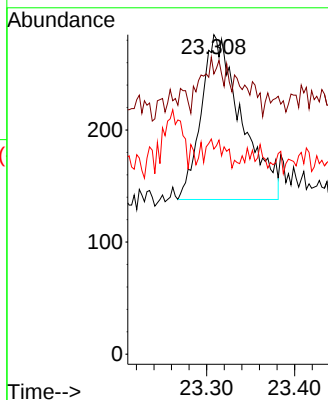
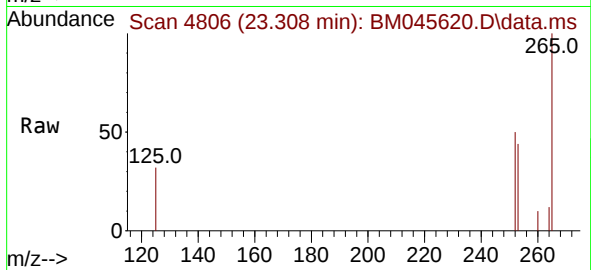
Tgt Ion:	252	Resp:	469
Ion Ratio	Lower	Upper	
252	100		
253	87.7	31.6	47.4
125	64.2	19.5	29.3

Manual Integrations

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Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.052 ng/ul

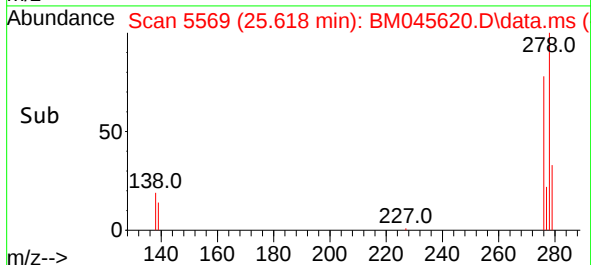
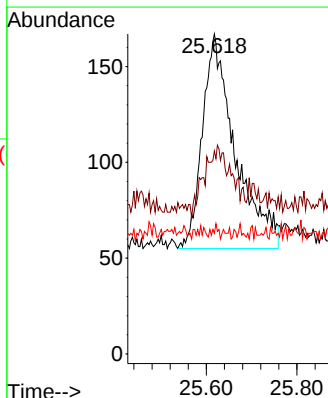
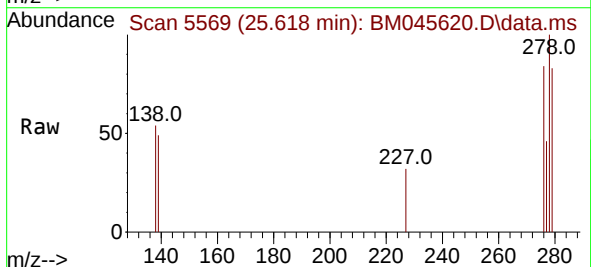
RT: 25.618 min Scan# 5569

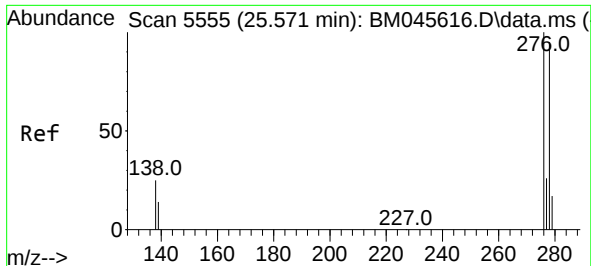
Delta R.T. 0.046 min

Lab File: BM045620.D

Acq: 29 Apr 2024 14:46

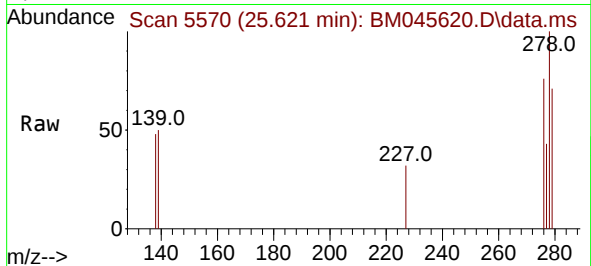
Tgt Ion:	276	Resp:	563
Ion Ratio	Lower	Upper	
276	100		
138	19.5	19.8	29.6
227	1.1	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.621 min Scan# 51
Delta R.T. 0.033 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46

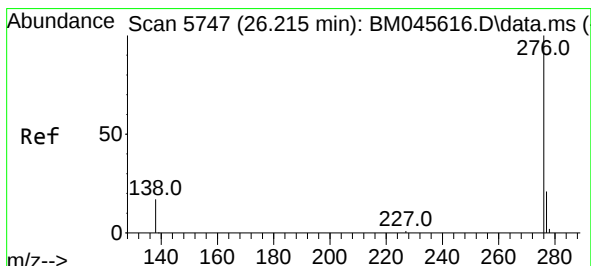
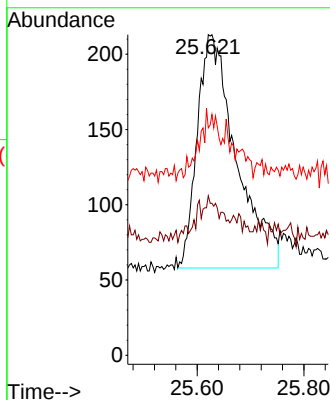
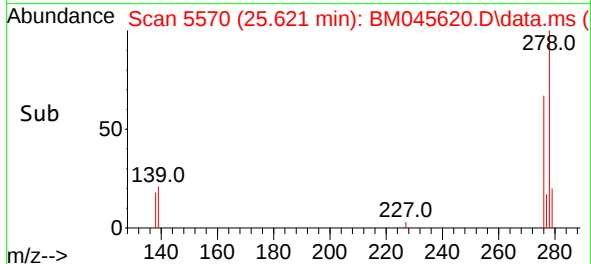
Instrument :
BNA_M
ClientSampleId :
XA397DL2



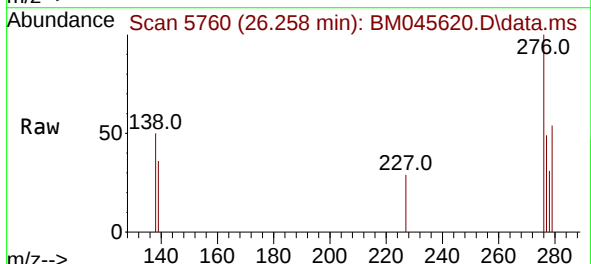
Tgt Ion: 278 Resp: 790
Ion Ratio Lower Upper
278 100
139 49.8 19.0 28.6
279 70.9 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#29
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.258 min Scan# 5760
Delta R.T. 0.023 min
Lab File: BM045620.D
Acq: 29 Apr 2024 14:46



Tgt Ion: 276 Resp: 714
Ion Ratio Lower Upper
276 100
138 50.2 20.8 31.2#
277 48.8 21.8 32.8#

